JC10 Rec'd PCT/PTO 0 6 ALD Beo 2005 2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US)**

ATTORNEY'S DOCKET NUMBER 36856.1340

CON	CERNING A SUBMISSIO	107530374								
INTERNAT	IONAL APPLICATION NO. 2/JP03/10609	INTERNATIONAL FILING DATE August 22, 2003	PRIORITY DATE CLAIMED October 10, 2002							
TITLE OF INVENTION METHOD OF PRODUCING CERAMIC MULTI-LAYER SUBSTRATE										
APPLICANT(S) FOR DO/EO/US Yoshifumi SAITO										
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
1. 🔼 1	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
2. 🗆 т	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.									
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
	The US has been elected (Article 31).	. • • • • • • • • • • • • • • • • • • •	<i>9</i> *							
5. X	A copy of the International Application	n as filed (35 U.S.C. 371(c)(2))								
	a. is attached hereto (required only if not communicated by the International Bureau).									
	b. X has been communicated by the International Bureau.									
(40)	c. is not required, as the application was filed in the United States Receiving Office (RO/US).									
6. X	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).									
	a. is attached hereto.	•								
· —	b. has been previously submit	tted under 35 U.S.C: 154(d)(4).								
7. L	Amendments to the claims of the Inte	rnational Application under PCT Article 19	(35 U.S.C. 371(c)(3))							
:	a. are attached hereto (requir	red only if not communicated by the Interna	tional Bureau).							
	b. have been communicated	by the International Bureau.								
	c. have not been made; howe	ever, the time limit for making such amendr	nents has NOT expired.							
÷	d. have not been made and v	will not be made.								
8. : L	An English language translation of th	e amendments to the claims under PCT Ar	ticle 19 (35 U.S.C. 371(c)(3)).							
9. X	An oath or declaration of the inventor	(s) (35 U.S.C. 371(c)(4)).								
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E ·	Examination Report under PCT							
; Items	11 to 20 below concern document(s) or information included:								
11. X	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.								
12.	An assignment document for recording	ng. A separate cover sheet in compliance w	ith 37 CFR 3.28 and 3.31 is included.							
13.	A preliminary amendment.	,	_							
14.	An Application Data Sheet under 37 (CFR 1.76.								
15.	A substitute specification.		*							
16. 🗌	A power of attorney and/or change of	address letter.								
17.	A computer-readable form of the sequ	uence listing in accordance with PCT Rule	13/er.2 and 37 CFR 1.821- 1.825.							
18.	A second copy of the published Interr	national Application under 35 U.S.C. 154(d)	(4).							
19.	A second copy of the English language	ge translation of the international application	n under 35 U.S.C. 154(d)(4).							
20.	Other items or information: five	(5) sheets of formal dr	awings including figs. 1-5.							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is offile (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2

JC18 Rec'd PCT/PTO 06 APR 2005

PTO-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATIO	no.(known	36856.1340							
. The follow	ving fees have b	CALCULATIONS PTO USE ONLY							
21. 🔼 Basic	national fee	\$ 300.00							
22. Examir If International pre PCT Article 33(All other situations	1)-(4)	\$ 200.00							
23. Search Search fee (37 CF) International International Search All other situations.	R 1.445(a)(2)) ha al Searching Aut h Report prepar	\$ 400 . 00							
	OTAL OF 21, 22	\$ 900.00							
│	for specification ng or computer 60 for each addit	·							
Total Sheets	Extra Sheets		n additional 50 or fraction up to a whole number)	RATE					
39 - 100 =	0 /50 =		0	x \$250	\$ 0.00				
Surcharge of \$130 claimed priority date	.00 for furnishing te (37 CFR 1.49)	\$							
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$				
, Total claims	18	- 20 =	0	× \$ 50	\$ 0.00				
Independent claims	s 1	- 3 =	0	× \$200	\$ 0.00				
MULTIPLE DEPENDENT CLAIM(S) (if applicable		S) (if applicable)		+ \$360	\$				
			Tr.	CALCULATIONS =	\$ 900.00				
Applicant clain	ns small entity st	tatus. See 37 CFF	R 1.27. Fees above are redu	ced by 1/2.					
				SUBTOTAL =	\$ 900.00				
Processing fee of s claimed priority dat		\$							
	· .	\$ 900.00							
Fee for recording to by an appropriate of		\$							
			TOTAL F	EES ENCLOSED =	\$ 900.00				
		Amount to be refunded:	\$						
					Amount to be charged:	\$			
a. A check in the amount of \$ to cover the above fees is enclosed.									
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.									
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50–1353. A duplicate copy of this sheet is enclosed.									
d. X Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO:									
	s associa 35510.	nu / I· Lou							
] :		er A. Beenett							
i	NAME 46,710								
[ON NUMBER							

VIA Express Mail EL629489269US PATENT 36856.1340

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. application of : Yoshifumi SAITO International Application No.:

PCT/JP03/10609

Serial No.: Unknown International Filing Date: August 22, 2003

Filed: Concurrently herewith

For: METHOD OF PRODUCING CERAMIC

MULTI-LAYER SUBSTRATE

GENERAL AUTHORIZATION/REQUEST TO PETITION FOR EXTENSIONS OF TIME

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

With reference to the subject application, and pursuant to 37 C.F.R. § 1.136, Applicant(s) hereby authorize(s) and request(s) the Commissioner to treat any correspondence requiring a petition for extension of time as containing such a request therefor for the appropriate length of time. This general authorization is effective during the pendency of this application, including any division or continuing application therefrom.

General Authorization/Request April 6, 2005 Page 2 of 2

Where no check is received by the Commissioner, you are hereby authorized to charge payment of the requisite petition fees, or charge any additional fee required under 37 C.F.R. § 1.17, or credit any overpayment of same, to Deposit Account No. 50-1353.

Respectfully submitted,

Date: April 6, 2005

Attorneys for Applicant(s)

Joseph R. Keating Registration No. 37,368

Christopher A. Bennett Registration No. 46,710

Peter Medley Registration No. 56,125

KEATING & BENNETT LLP

10400 Eaton Place, Suite 312 Fairfax, VA 22030

Telephone: (703) 385-5200 Facsimile: (703) 385-5080